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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 4250.2.24

First Inventor Barbara F. Smith

Title FUNCTIONALIZED POLYMERS FOR BINDING TO SOLUTES IN AQUEOUS SOLUTIONS

Express Mail Label No. EL 919931453 US

17497 U.S. PTO
10/646378
06/22/03**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 65]
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed Sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 8]

5. Oath or Declaration [Total Pages 3]

- a. Newly executed (original or copy)
- b. Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
- i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
- 6. Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

Continuation Divisional Continuation-in-part (CIP)

of prior application No: /

Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

or Correspondence address below

Name _____

Address _____

City _____

State _____

Zip Code _____

Country _____

Telephone _____ Fax _____

Name (Print/Type)	Craig Metcalf	Registration No. (Attorney/Agent)	31,398
Signature		Date	8/22/2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing this form, call 1-800-PTO-9199 and selection option 2.

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02527 U.S. PTO
08/22/03

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 622.00)

Complete If Known

Application Number	(not yet assigned)
Filing Date	August 22, 2003
First Named Inventor	Barbara F. Smith
Examiner Name	
Group / Art Unit	
Attorney Docket No.	4250.2.24

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Other None
 Deposit Account.

Deposit Account Number 13-0763

Deposit Account Name Madson & Metcalf

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee
 to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES	
Large Entity	Small Entity
Fee Code (\$)	Fee Code (\$)
1051 130	2051 65
1052 50	2052 25
1053 130	1053 130
1812 2,520	1812 2,520
1804 920*	1804 920*
1805 1,840*	1805 1,840*
1251 110	2251 55
1251 410	2252 205
1253 930	2253 465
1254 1,450	2254 725
1255 1,970	2255 985
1401 320	2401 160
1402 320	2402 160
1403 280	2403 140
1451 1,510	1451 1,510
1452 110	2452 55
1453 1,300	2453 650
1501 1,300	2501 650
1502 470	2502 235
1503 630	2503 315
1460 130	1460 130
1807 50	1807 50
1806 180	1806 180
8021 40	8021 40
1809 750	2809 375
1810 750	2810 375
1801 750	2801 375
1802 900	1802 900
Other fee (specify) _____	
*Reduced by Basic Filing Fee Paid	
SUBTOTAL (3) \$ 40.00	

*or number previously paid, if greater. For Reissues, see above

SUBMITTED BY		Complete If Applicable	
Name (Print/Type)	Craig Metcalf	Registration No. Attorney/Agent)	31,398
Signature		Date	August 22, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2033.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and selection option 2.

PATENT APPLICATION
Docket No.: 4250.2.24

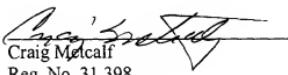
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label No.: EL 919931453 US

Date of Deposit: August 22, 2003

I hereby certify that this patent application in the name of Barbara F. Smith et al. for
FUNCTIONALIZED POLYMERS FOR BINDING TO SOLUTES IN AQUEOUS
SOLUTIONS, together with a joint signature Declaration, Power of Attorney, and Petition, an
Assignment, a Fee Calculation Sheet, and two Credit Card Payment Forms for the amounts of
\$582.00 and \$40.00 are being deposited with the United States Postal Service "Express Mail Post
Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope
addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450.

Respectfully submitted,



Craig Metcalf
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Attorney for Applicant

Date: August 22, 2003

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